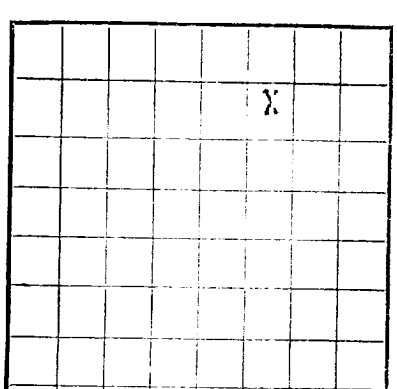
Form 9-330

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 0607
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Sunray Field Blanco State New Mexico
Well No. 1-H Sec. 11 T. 30N R. 10W Meridian NMPM County San Juan
Location 990 ft. {N.} of N Line and 550 ft. {E.} of E Line of Section 11 Elevation 5582'
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed [signature]
Date April 18, 1955 Title Petroleum Engineer

The summary on this page is for the condition of the well at above date.

Commenced drilling March 8, 19 55 Finished drilling March 27, 19 55

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3258 to 3328 (G) No. 4, from 5506 to 5621 (G)
No. 2, from 4887 to 5076 (G) No. 5, from ____ to ____
No. 3, from 5076 to 5506 (G) No. 6, from ____ to ____

IMPORTANT WATER SANDS

No. 1, from ____ to ____ No. 3, from ____ to ____
No. 2, from ____ to ____ No. 4, from ____ to ____

CASING RECORD

	Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From	Perforated To	Purpose
9	5/8"	25.4#	P.E.	S.W.	160'	Howco				Surface
7		23	8 RD	J-55	1939'					
7'		20	8 RD	J-55	3791'	Baker				Prod. Csg.
2"		4.7#	8 RD	J-55	5605'					Prod. Tbg.

MUDDING AND CEMENTING RECORD

	Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
	9 5/8"	174'	125	Circulated		
	7"	4840	500	Single Stage		

FOLD | MARK

PLUGS AND ADAPTERS

Heaving plug—Material ____ Length ____ Depth set ____
Adapters—Material ____ Size ____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		See Well History.				

TOOLS USED

Gas Drilled

Rotary tools were used from 0 feet to 4840 feet, and from 4840 feet to 5640 feet
Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

Taken ____, 19 55 Put to producing ____, 19____

The production for the first 24 hours was ____ barrels of fluid of which ____% was oil; ____% emulsion; ____% water; and ____% sediment. Gravity, °Bé. ____

If gas well, cu. ft. per 24 hours 7,964,000 Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. 1050

EMPLOYEES

____, Driller ____, Driller
____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	522	522	Tan cr-grn ss w/thin sh breaks.
522	1472	950	Variegated sh w/thin ss breaks.
1472	1937	465	Tan to gry cr-grn ss interbedded w/gry sh.
1937	2052	115	Ojo Alamo ss. White cr-grn s.
2052	2878	826	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2878	3258	380	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3258	3328	70	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3328	4887	1559	Lewis form. G y to white dense sh w/silty to shaly ss breaks.
4887	5076	189	Cliff House ss. Gry, fine-grn, dense sil ss.
5076	5506	430	Menefee form. Gry, fine-grn s, carb sh & coal.
5506	5621	115	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5621	5640 T.D.	19	Mancos formation. Gry carb sh.

[OVER]

16-43094-1

FROM—	TO—	TOTAL FEET	FORMATION

16—43004-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

March 25, 1955, Sandoil fracture Cliff House (retainer at 4737') from 4840' - 5080' with 13,000 gallons No. 2 diesel oil and 12,500# fine-grain sand. Breakdown pressure 1500 psi, maximum pressure 1600 psi, minimum pressure 1500 psi. Injection rate 9 bbls./min. Flush with 2000 gallons oil. Natural gage before treatment 420 MCF/D.

March 27, 1955, Total Depth 5640'. Sandoil Point Lookout retainer at 5442'. Treated interval 5442' - 5640' with 13,100 gallons #2 diesel oil with 13,600# sand. Breakdown pressure 750 psi, maximum pressure 1000 psi. Flush with 2400 gallons. Natural gage estimated 300 MCF/D.

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